

North Coast Corridor Program Phase 1 Sound Walls

The Project

The North Coast Corridor (NCC) Program includes a 30-year, \$6 billion package of highway, rail, bike/pedestrian, and environmental improvements from La Jolla to Oceanside. Phase 1 of the NCC Program will be constructed from 2016 – 2020. SANDAG and Caltrans are fully committed to understanding traffic noise impacts and engaging property owners and communities prior to and throughout the construction process. Phase 1 includes 19 proposed sound walls from Solana Beach to Carlsbad. Additional sound walls will be constructed during later phases of the project.



Sound wall rendering

How are potential sound wall locations determined?

Key steps include:

- Caltrans conducts a noise study report to identify which areas/properties are above the noise threshold established by the Federal Highway Administration.
- A sound wall is proposed and then evaluated to determine if it is feasible (constructability) and reasonable (cost) to build.
- When a sound wall is determined feasible and reasonable, a survey letter is mailed to the property owner asking if they desire the proposed sound wall. This letter does not guarantee construction, however it is a necessary step for Caltrans to determine the number of walls that will progress to final design.

How do I know if a sound wall is proposed at my property?

Caltrans mailed letters to prospective sound wall recipients during winter 2014. If you did not receive a letter in the winter of 2014, you may still be in line to receive a sound wall, but it will be in later phases of the project.

What kind of sound wall has been recommended in my neighborhood?

At this time, recommended sound wall types have yet to be determined. In areas with views, transparent sound walls will be offered to residents. Prospective sound wall recipients must unanimously agree on its design and consent to a series of conditions before a wall could be built in that location. Consensus is reached by providing a written and signed authorization to Caltrans.

Project Schedule and Funding



Construction Start Date

Spring 2016

Completion Date

2020

Funding Sources

Federal
State
SANDAG (TransNet)

Contractor

Flatiron-Skanska-Stacy and Witbeck

Total Project Cost

TBD

For more information:

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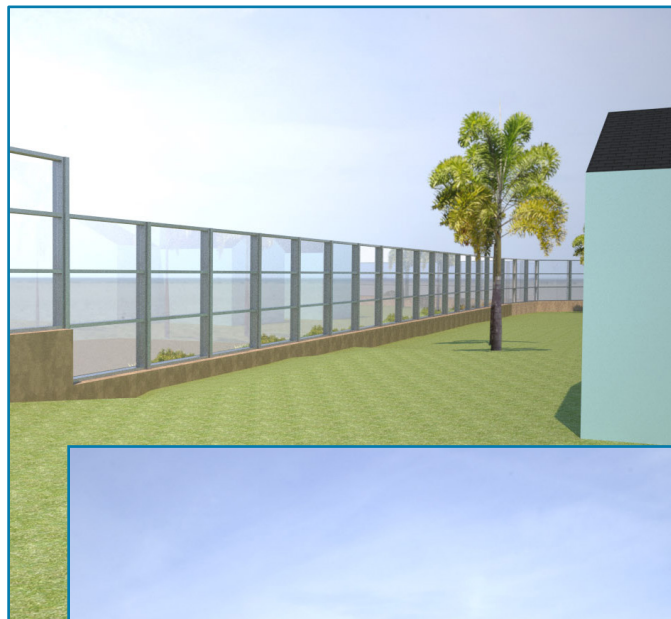
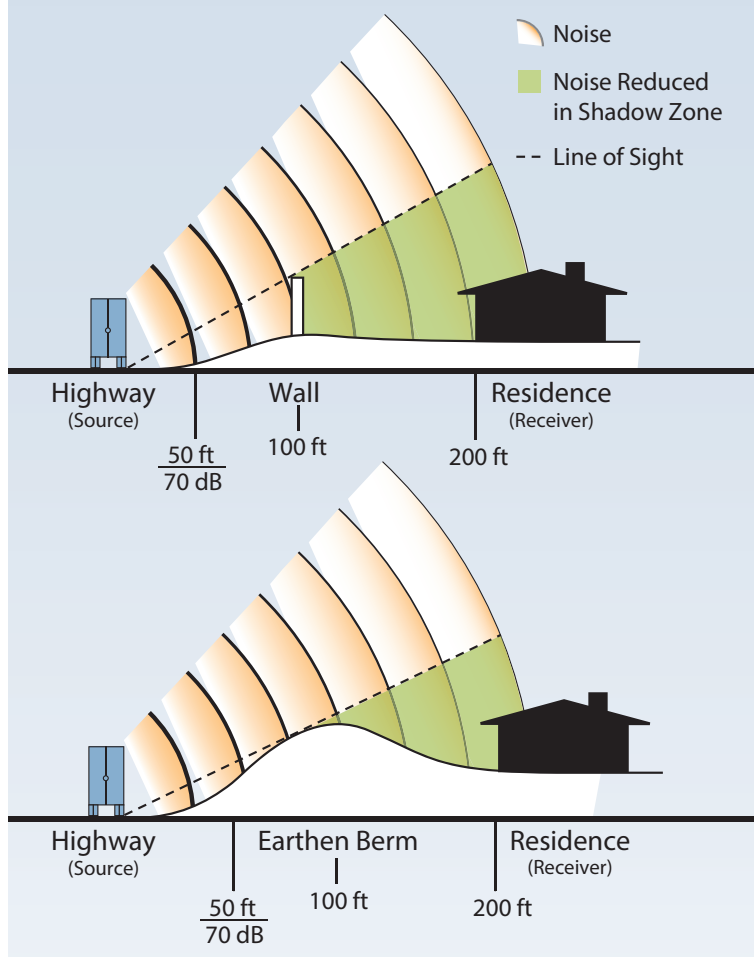
See reverse for more information.

Typical Noise Levels

Common Outdoor Activities	dBA	Common Indoor Activities
Jet Engine, 300m (100ft)	110	Rock Band
Gas Lawn Mower, 1m (3ft)	100	
	90	
Diesel Truck, 15m (50ft) at 80km/hr (50 mph)	80	Food Blender, 1m (3ft)
Noisy Urban Area, Daytime	70	Garbage Disposal, 1m (3ft)
Gas Lawn Mower, 30m (100ft)	70	Vacuum Cleaner, 3m (10ft)
Commercial Area	60	Normal Speech, 1m (3ft)
Heavy Traffic, 90m (300ft)	60	
	50	Large Business Office
Quiet Urban Daytime	40	Dishwasher Next Room
Quiet Urban Nighttime	40	Theater, Large Conference Room (Background)
Quiet Suburban Nighttime	30	Library
Quiet Rural Nighttime	20	Bedroom at Night, Concert Hall (Background)
	10	Broadcast/Recording Studio
	0	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

Noise levels of common activities measured in decibels (dBA)

How Barriers Reduce Noise



Sound wall rendering

My property is not recommended to receive a sound wall during Phase 1 (2016 – 2020). Are there other noise abatement options potentially available to me?

Yes. In areas where sound walls were not recommended during Phase 1 and severe noise impacts are determined to exist, additional noise abatements could be offered to property owners, such as the installation of double paned windows. These also could be available to property owners where sound wall design consensus was not reached.

Could my neighborhood get a sound wall in a future project phase?

Yes. This is a multi-phased effort to develop sound walls in tandem with I-5 improvements. Subsequent project phases will include sound walls at additional locations based on the criteria and thresholds described above. To stay informed about future project phases, please check KeepSanDiegoMoving.com/NCC for additional information or contact the project team at I-5@KeepSanDiegoMoving.com.